

# Concepcin Parrado

## List of Publications by Citations

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33  
papers

1,591  
citations

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h-index

33  
g-index

33  
ext. papers

1,722  
ext. citations

5.6  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
33	Carbon nanotubes for electrochemical biosensing. <i>Talanta</i> , <b>2007</b> , 74, 291-307	6.2	455
32	DNA electrochemical biosensors for environmental monitoring. A review. <i>Analytica Chimica Acta</i> , <b>1997</b> , 347, 1-8	6.6	228
31	Detection of point mutation in the p53 gene using a peptide nucleic acid biosensor. <i>Analytica Chimica Acta</i> , <b>1997</b> , 344, 111-118	6.6	121
30	Graphite-Teflon composite bienzyme electrodes for the determination of L-lactate: application to food samples. <i>Biosensors and Bioelectronics</i> , <b>1999</b> , 14, 505-13	11.8	74
29	Microfabricated electrochemical sensor for the detection of radiation-induced DNA damage. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 1457-60	7.8	66
28	Microorganisms recognition and quantification by lectin adsorptive affinity impedence. <i>Talanta</i> , <b>2009</b> , 78, 1303-9	6.2	63
27	Reduced graphene oxide-carboxymethylcellulose layered with platinum nanoparticles/PAMAM dendrimer/magnetic nanoparticles hybrids. Application to the preparation of enzyme electrochemical biosensors. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 232, 84-90	8.5	59
26	Decoration of reduced graphene oxide with rhodium nanoparticles for the design of a sensitive electrochemical enzyme biosensor for 17 $\beta$ -estradiol. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 343-351	11.8	54
25	Sol-gel-derived cobalt phthalocyanine-dispersed carbon composite electrodes for electrocatalysis and amperometric flow detection. <i>Electroanalysis</i> , <b>1997</b> , 9, 908-911	3	52
24	Carbon nanotubes-based electrochemical (bio)sensors for biomarkers. <i>Applied Materials Today</i> , <b>2017</b> , 9, 566-588	6.6	51
23	Electrochemical biosensor for detecting DNA sequences from the pathogenic protozoan <i>Cryptosporidium parvum</i> . <i>Talanta</i> , <b>1997</b> , 44, 2003-10	6.2	46
22	Sol-gel carbon composite electrode as an amperometric detector for liquid chromatography. <i>Talanta</i> , <b>1997</b> , 44, 1929-34	6.2	37
21	Controlled release of DNA from carbon-paste microelectrodes. <i>Electrochemistry Communications</i> , <b>1999</b> , 1, 197-202	5.1	33
20	Amperometric aptasensor for carcinoembryonic antigen based on the use of bifunctionalized Janus nanoparticles as biorecognition-signaling element. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1061, 84-91	6.6	32
19	Amperometric multidetection with composite enzyme electrodes. <i>Talanta</i> , <b>2004</b> , 62, 896-903	6.2	31
18	Dendrimers as Soft Nanomaterials for Electrochemical Immunosensors. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	21
17	Single-Walled Carbon Nanotubes/Au Mesoporous Silica Janus Nanoparticles as Building Blocks for the Preparation of a Bienzyme Biosensor. <i>ChemElectroChem</i> , <b>2015</b> , 2, 1735-1741	4.3	20

16	Graphene Paste Electrode: Analytical Applications for the Quantification of Dopamine, Phenolic Compounds and Ethanol. <i>Electroanalysis</i> , <b>2014</b> , 26, 1694-1701	3	17
15	A Layer-by-Layer Biosensing Architecture Based on Polyamidoamine Dendrimer and Carboxymethylcellulose-Modified Graphene Oxide. <i>Electroanalysis</i> , <b>2015</b> , 27, 2131-2138	3	17
14	Disposable electrochemical immunosensor for <i>Brettanomyces bruxellensis</i> based on nanogold-reduced graphene oxide hybrid nanomaterial. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 5667-5674	4.4	14
13	Development of an amperometric enzyme biosensor for the determination of the antioxidant tert-butylhydroxyanisole in a medium of reversed micelles. <i>Electroanalysis</i> , <b>1996</b> , 8, 529-533	3	14
12	Adsorption and Electrooxidation of Nucleic Acids at Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes Dispersed In Polylysine. <i>Electroanalysis</i> , <b>2013</b> , 25, 1116-1121	3	12
11	Electrochemical synthesis of zinc(II), cadmium(II), and nickel(II) complexes of tetradentate Schiff-base ligands derived from aminothioether imidazoles. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1990</b> , 2101		12
10	Quantification of neurotransmitters and metabolically related compounds at glassy carbon electrodes modified with bamboo-like carbon nanotubes dispersed in double stranded DNA. <i>Microchemical Journal</i> , <b>2017</b> , 130, 40-46	4.8	10
9	Continuous thin-layer chromatography of sugars of clinical interest in samples of urine impregnated on paper. <i>Journal of Chromatography A</i> , <b>1981</b> , 217, 357-66	4.5	9
8	Gold nanoparticles/silver-bipyridine hybrid nanobelts with tuned peroxidase-like activity. <i>RSC Advances</i> , <b>2016</b> , 6, 74957-74960	3.7	9
7	Disposable amperometric immunosensor for <i>Saccharomyces cerevisiae</i> based on carboxylated graphene oxide-modified electrodes. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 7901-7907	4.4	9
6	Amperometric aptasensor with sandwich-type architecture for troponin I based on carboxyethylsilanetriol-modified graphene oxide coated electrodes. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 183, 113203	11.8	9
5	Non-covalent Functionalization of Multi-wall Carbon Nanotubes with Polyarginine: Characterization and Analytical Applications for Uric Acid Quantification. <i>Electroanalysis</i> , <b>2018</b> , 30, 1416-1424	3	7
4	Graphite-Ethylene/Propylene/Diene Terpolymer Composite Electrodes. A New Electrode Material for Electrochemical Detection. <i>Electroanalysis</i> , <b>1999</b> , 11, 161-166	3	4
3	Electrochemistry in One Dimension: Applications of Carbon Nanotubes. <i>Advances in Electrochemical Science and Engineering</i> , <b>2015</b> , 83-120		3
2	Complexes of Ti(IV) with Schiff Bases Containing Pyridine and N-Methylpyrrole. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1994</b> , 24, 1613-1629		2
1	The use of continuous thin layer chromatography in the study of mucopolysaccharidoses. <i>Journal of Inherited Metabolic Disease</i> , <b>1983</b> , 6, 135-136	5.4	